

SN 09/764,647

Page 2

IN THE CLAIMS

Please consider the claims as follows:

1. (cancelled)
2. (currently amended) The method of claim 3 ~~[[1]]~~ wherein the QoS IE further ~~comprises: performing step includes transmitting to the wireless data network the quality of service information element further comprising~~
a traffic class indicator ~~that is~~ indicative of requesting asymmetric traffic classes.
3. (currently amended) ~~[[The]]~~ A method of operating a mobile wireless station,
~~claim 1 wherein the performing step includes transmitting to the wireless data network the quality of service information element further comprising:~~
attaching the station to a wireless data network;
performing asymmetric traffic class negotiation with the network; and
transmitting to the network a quality of service information element (QoS IE),
including:
 - (a) at least two traffic class fields, wherein one said field is for an uplink and another said field is for a downlink;
 - (b) at least one quality of service (QoS) class indicator for prioritizing a plurality of acceptable QoS traffic classes; and
 - (c) at least one of alternate traffic classes and traffic class combinations, wherein said traffic classes are selected from the group consisting of conversational, streaming, interactive, and background traffic classes.
4. (currently amended) The method of claim 3 wherein the QoS IE ~~quality of service information element~~ further comprises:
at least two residual bit error rate fields, wherein one error rate field is for the uplink and ~~[[one]]~~ another error rate field is for the downlink;
at least two service data unit error ratio fields, wherein one data unit error ratio field is for the uplink and ~~[[one]]~~ another data unit error ratio field is for the downlink;
and

367647_1.DOC

SN 09/764,647

Page 3

at least two transfer delay fields, wherein one transfer delay field is for the uplink and [[one]] another transfer delay field is for the downlink.

5. (currently amended) The method of claim 3 ~~[[1]]~~ further comprising the steps of:
receiving data in accordance with a first negotiated traffic class; and
transmitting data in accordance with a second negotiated traffic class;
~~wherein said the first negotiated traffic class and the second negotiated traffic classes~~
~~[[class]] are different.~~

6. (currently amended) A method ~~of operating a~~ for use in a first packet server of a
wireless network, the method comprising the steps of:
establishing a communication link to a mobile wireless station; and
transmitting to exchanging messages with other a second the packet server a
quality of service information element (QoS IE), including:

(a) at least two traffic class fields, wherein one said field is for an uplink
and another said field is for a downlink;

(b) at least one quality of service (QoS) class indicator for prioritizing a
plurality of acceptable QoS traffic classes; and

(c) at least one of alternate traffic classes and traffic class combinations,
wherein said traffic classes are selected from the group consisting of conversational,
streaming, interactive, and background traffic classes.

~~for the purpose of providing at least one service to a mobile station, wherein the~~
~~exchanging step includes the step of transmitting to the second packet server a~~
~~message associated with a single RSVP session comprising a quality of service~~
~~information element (QoS IE) comprising a field for requesting asymmetric traffic~~
~~classes for an uplink direction and a downlink direction associated with the mobile~~
~~station, said QoS IE further comprising at least one QoS class indicator for prioritizing~~
~~acceptable QoS traffic classes associated with at least one of said uplink direction and~~
~~said downlink direction.~~

SN 09/764,647

Page 4

7. (currently amended) The method of claim 6 wherein the QoS IE quality of service information element further comprises:

at least two residual bit error rate fields, wherein one error rate field is for the uplink and [[one]] another error rate field is for the downlink;

at least two service data unit error ratio fields, wherein one data unit error ratio field is for the uplink and [[one]] another data unit error ratio field is for the downlink;
and

at least two transfer delay fields, wherein one transfer delay field is for the uplink and [[one]] another transfer delay field is for the downlink.

8-10. (cancelled)

11. (currently amended) ~~The method of claim 10,~~ An apparatus for use in a mobile wireless station, comprising:

a means for attaching to a wireless data network; and

a means for:

attaching the station to a wireless data network;

performing asymmetric traffic class negotiation with the network; and

transmitting to the network a quality of service information element (QoS

IE), including:

(a) at least two traffic class fields, wherein one said field is for an uplink and another said field is for a downlink;

(b) at least one quality of service (QoS) class indicator for prioritizing a plurality of acceptable QoS traffic classes; and

(c) at least one of alternate traffic classes and traffic class combinations,

wherein said at least one QoS class indicator for prioritizing a plurality of acceptable QoS traffic classes is associated with at least one of [[said]] the uplink direction and said or the downlink direction and said traffic classes are selected from the group consisting of conversational, streaming, interactive, and background traffic classes.

SN 09/764,647

Page 5

12. (previously presented) The method of claim 11, wherein said traffic classes are prioritized in ascending QoS traffic class order.

13. (previously presented) The method of claim 11, wherein said traffic classes are prioritized in descending QoS traffic class order.

14. (cancelled)

15. (currently amended) The method of claim 3 [[1]], wherein said at least one QoS class indicator ~~for prioritizing a plurality of acceptable QoS traffic classes~~ is associated with at least one of ~~[[said]]~~ the uplink direction and said or the downlink direction.

16. (currently amended) The method of claim 3 [[1]], wherein said traffic classes are prioritized in ascending QoS traffic class order.

17. (currently amended) The method of claim 3 [[1]], wherein said traffic classes are prioritized in descending QoS traffic class order.

18. (cancelled)

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